Alureon malware which is hyped as “Internet Doomsday” virus makes about a quarter-million computer users around the world under risk of losing Internet access recently.

The viruses were designed to redirect Internet traffic through rogue DNS servers, which are computer switchboards that direct Web traffic, controlled by criminals. Although about 245,000 computers worldwide were still infected by Alureon and its brethren this week, experts considered the threat to be small compared with more-prevalent viruses. Only a tiny fraction of computer users were at risk and Internet providers would be on call to quickly restore service.

For preventing from this threat, authorities and societies take actions from different aspects. Users could find information on how to identify and clean up infections online by themselves. Also, authorities and some U.S Internet providers have made different temporary arrangements so that users could be able to fix the infected PCs or access the Internet using the address of the rogue DNS servers.

The United States has charged seven people for orchestrating the worldwide Internet fraud. Six were arrested in Estonia, while the seventh, who was living in Russia, is still at large. Tallinn has so far extradited two of the men to New York where they appeared in Manhattan federal court.